SA8004

Super Audio CD/CD Player w/ Digital Inputs

The SA8004 CD/SACD Player builds upon a high fidelity, Super Audio CD platform by extending the sonic benefits of its marvelous digital to analog converter (DAC) to most any external digital source via a trio of Coaxial, Optical and USB inputs that feature Dual Phase Lock Loop (PLL) digital input circuitry for superior jitter reduction. Two USB inputs are provided: a front panel mounted Type A connector forges a digital link with iPod/iPhone and connects to USB Hard Disc Drives and "USB Sticks" as well. A USB Type B connection at the rear is optimized for use with a PC for streaming of High Bit Rate (HBR) audio content. Audiophile touches abound in the SA8004. The Hyper Dynamic Amplifier Module (HDAM), a Marantz signature circuit technique, is used here as an output buffer and tuned to deliver music with maximum speed and transparency. The transport mechanism is an original Marantz design and is optimized to inhibit error-inducing resonances as is a custom, double-layered steel chassis. A double-shielded Torroidal transformer forms the heart of a rock-solid, quiet-running linear power supply while polypropylene capacitors are utilized in critical circuit elements to preserve the delicate balance of low, mid and high frequencies. Feature-packed, the new Marantz SA8004 delivers extraordinary value combined with pace-setting flexibility and audiophile-quality sound.

- Plays SA-CD (Stereo), CD, CD-R/RW(MP3/WMA/CD-DA)
- Front USB (type A) input for USB memory & iPod/iPhone Digital Connection
- Rear USB (type B) input for PC - up to 96kHz/24-bit
- Digital Inputs (Coax/Optical) for DAC mode - up to 192kHz/24-bit
- Digital Outputs (Coax/Optical) for CD/iPod/iPhone (SPDIF format)
- Double Shielded Torroidal Power Transformer
- Double Layered Bottom Chassis
- Exclusively designed Xyron Disc Loader for pure audio playback
- Discrete Analog Audio Circuit featuring Marantz HDAM®-SA2 circuit
- Dual PLL circuits for Low Jitter Signal Transmission
- Zero impedance plate for a perfect equal GND potential between L/R
- Audiophile Grade Custom Parts featuring ELNA capacitors
- High Quality Headphone circuit by Current Buffer Output Amp.
- L/R independent, gold plated high grade brass terminals
- Marantz D-Bus(RC-5) Remote In/Out Terminals
- Detachable Power Cord (IEC320 2pin type)
- Display Off
- Digital Out On/Off
- Auto Power Off function

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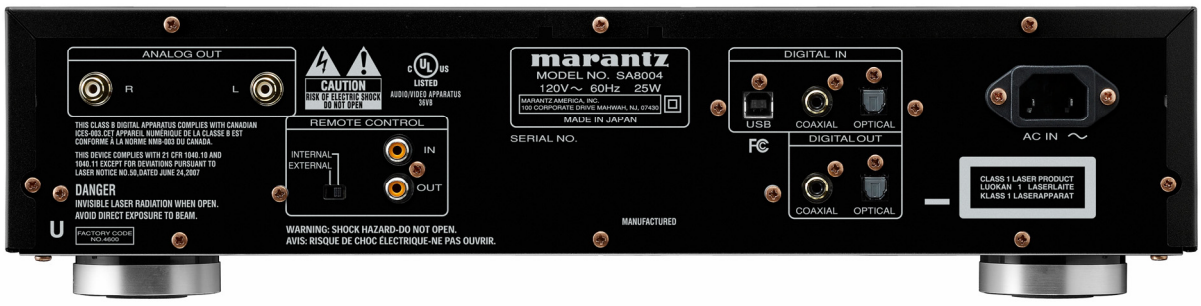
Audio Performance	**[Super Audio CD]**	**[CD]**
Analog Output		
Channels:	2 channels	2 channels
Playable frequency range:	2 Hz – 100 kHz	2 Hz – 20 kHz
Playable frequency response:	2 Hz – 50 kHz (–3 dB)	2 Hz – 20 kHz
S/N:	112 dB (Audible range)	110 dB
Dynamic range:	110 dB (Audible range)	100 dB
Harmonic distortion:	0.001 % (1 kHz, Audible range)	0.002 % (1 kHz)
Wow &flutter:	Crystal accuracy	Crystal accuracy
• Output level		
Unbalanced:	1.8V RMS stereo	2.4V RMS stereo
Headphone output:	43mW (variable maximum)	43mW (variable maximum)
• Digital output		
output level (cinch JACK):	—	0.5 Vp-p (75 Ω)
output level (optical):	—	-19 dBm
• Optical Readout System		
Laser:	AlGaAs	AlGaAs
Wave length:	650nm	780nm
Signal type:	1-bit DSD	16-bit linear PCM
Sampling frequency:	2.822 MHz	44.1 kHz

General

Power supply:	AC 120 V, 60 Hz
Power consumption:	25 W
	Standby: 0.3 W or less
Maximum external dimensions:	17 3/8 (W) x 4 5/16 (H) x 13 9/16 (D) inchs
	(440 (W) x 109 (H) x 344 (D) mm)
Weight:	17.2 lbs (7.8 kg)
Operating temperatures:	+5˚C ~ +35˚C
Operating humidity:	5 ~ 90% (without dew)

For purposes of improvement, specifications and design are subject to change without notice.



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All specifications, dimensions and weights are subject to change without notice.
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